

# ANALYZING WORKPLACE INJURIES IN THE Manufacturing Industry

To eliminate workplace injuries and fatalities, we must understand when, why and how they happen. Having these specific analytics on hand will allow businesses in hazardous industries to target problem areas and initiate solutions that will lower the number of workplace accidents.

The Manufacturing sector is comprised of establishments engaged in the mechanical, physical or chemical transformation of materials, substances or components into new products.

The highest number of injury incidents in the Manufacturing industry occurred:



at  
Noon



on  
Wednesday



in  
August



on  
Multiple  
Body Parts



on  
Males



within  
30-39 Age  
Group



in  
St. Louis  
County

**Ranked #1 in Workplace Fatalities**

17 out of 108 Fatalities are in Manufacturing ► 15.74%



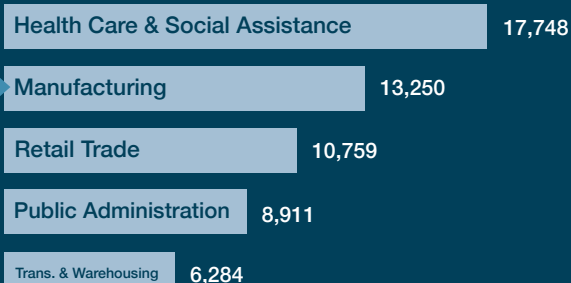
**RANKED #2**  
IN HIGHEST NUMBER OF  
INJURY INCIDENTS

Total Incidents in Top 5 Industries ► 56,952

Total Incidents in All Industries ► 91,724

62% of All Incidents are in Top 5 Industries

Top Industries in Number of Injury Incidents



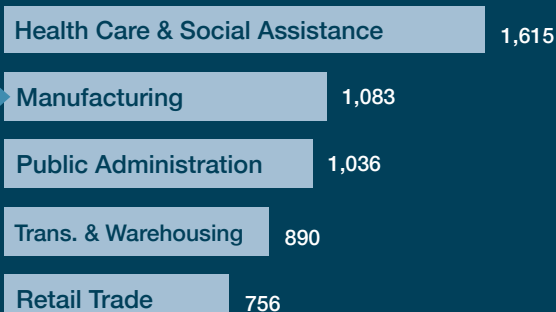
**RANKED #2**  
IN THE MOST LOST TIME  
INJURY INCIDENTS

Total Lost Time Incidents in Top 5 Industries ► 5,380

Total Lost Time Incidents in All Industries ► 7,908

68% of Lost Time Incidents are in Top 5 Industries

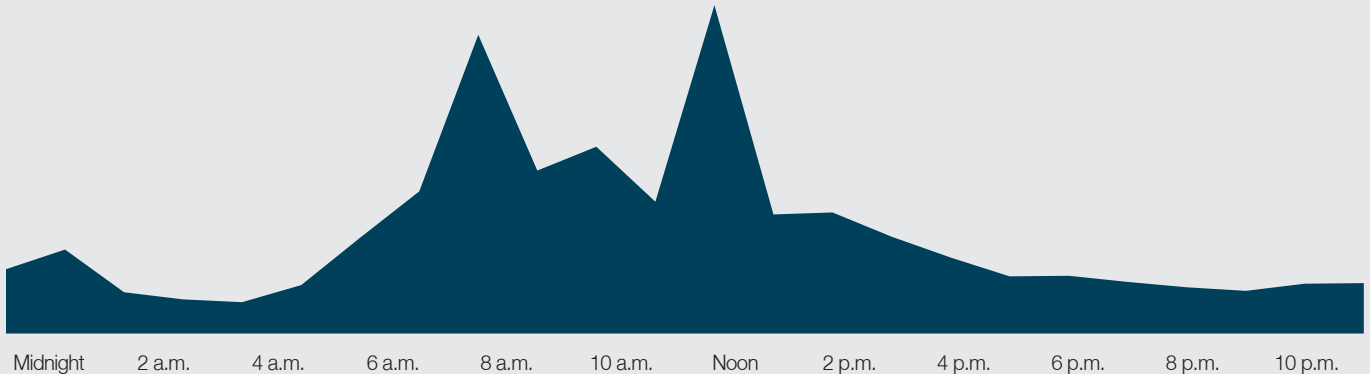
Top Industries in Lost Time Injury Incidents





### Injury Incidents by Time of Day

Most Manufacturing incidents occurred during the Noon hour.



### Injury Incidents by Day of the Week

Most Manufacturing incidents occurred on a Wednesday.

S	M	T	W	T	F	S
431	2,609	2,606	2,614	2,327	2,024	639



### Injury Incidents by Month

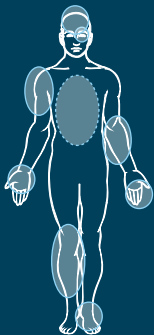
The highest number of Manufacturing incidents occurred in August.

JAN	FEB	MAR
886	1,000	1,206
APR	MAY	JUN
1,138	1,164	1,190
JUL	AUG	SEP
1,083	1,287	1,156
OCT	NOV	DEC
1,085	1,029	1026



### Top 10 Injury Incidents by Body Part

Multiple body parts were the most injured body part in Manufacturing.

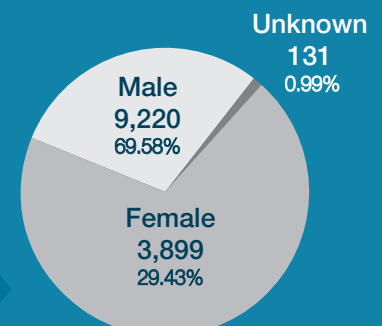


Multiple Body Parts	2,176
Wrist(s)/Hand(s)	1,846
Finger(s)/Thumb(s)	1,821
Upper Arm(s)/Shoulder(s)	1,161
Back	973
Knee(s)/Lower Leg(s)	933
Elbow(s)/Lower Arm(s)	825
Ankle(s)/Foot/Feet	772
Eye(s)	499
Other or Unspecified	232



### Injury Incidents by Gender

In Manufacturing, males had over two times more incidents than females.





### Incidents by Age Group

The 30-39 age group had the highest number of injury incidents in Manufacturing.

Age Group	Manufacturing	All Industries Total
10-15	3	65
16-19	342	3,972
20-29	2,688	22,000 Highest Total
30-39	2,964	19,717
40-49	2,747	17,141
50-59	2,962	17,814
60-69	1,436	9,485
70-79	97	1,370
80-89	10	149
Unknown	1	11



### Incidents by County

St. Louis County had the most Manufacturing incidents.



#### Top 5 Counties with the Most Incidents

St. Louis County	1,854	Jackson	1,027
St. Charles	1,227	Greene	799
Clay	1,079		

#### Injury Incidents by Cause

##### Most manufacturing incidents occur due to lifting

Lifting	1,157
Strain or Injury by, NOC	999
Repetitive Motion	956
Pushing or Pulling	674
On Same Level	586

#### Injury Incidents by Nature

##### The highest number of manufacturing injury incidents are strain and tears

Strain or Tear	3,531
Contusion	1,868
Laceration	1,760
Sprain or Tear	1,391
All Other Specific Injuries, NOC	1,075

Visit [safeatwork.mo.gov](https://safeatwork.mo.gov) to learn more ways to keep your workplace safe.

